

标准测试条件下的电性能参数 (STC) Electrical parameters (STC)

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|---|---|
| 产品型号 Module type | AST395TC-108-S |
| 产品尺寸 (长*宽*厚) Size (Length * Width * Thickness) | 1450mm*1729.2mm*13.5mm |
| 重量 Weight | 86.65kg |
| 峰值功率 (P_{max}) Power output (P_{max}) | 395W \pm 3% |
| 功率分档 Power tolerance | 0 +5W |
| 组件效率 (η_m) Module efficiency (η_m) | 15.75% |
| 峰值功率电压 (V_{mpp}) Voltage at Pmax (V_{mpp}) | 62.19V |
| 峰值功率电流 (I_{mpp}) Current at Pmax (I_{mpp}) | 6.35A |
| 开路电压 (V_{OC}) Open-circuit voltage (V_{OC}) | 73.30V(\pm 3%) |
| 短路电流 (I_{SC}) Short-circuit current (I_{SC}) | 6.78A(\pm 3%) |
| 最大系统电压 Maximum system voltage | 1500V |
| 最大过载保护电流 Open-Maximum series fuse rating | 30A |
| 防火等级 Fire resistance class | ClassA |
| 连接器 Connector | 18-01 Baoding Yitong PV Science &Technology Co., Ltd. |

温度系数

Temperature coefficients

开路电压的温度系数 V_{OC}
Temperature coefficients of V_{OC} -0.25%/°C

短路电流的温度系数 I_{SC}
Temperature coefficients of I_{SC} +0.055%/°C

峰值功率的温度系数 P_{max}
Temperature coefficients of P_{max} -0.32%/°C

有限功率质保

Limited Power Warranty

第一年功率衰减
1st year degradation ≤1%

第30年功率衰减
30th year degradation ≤12%

线性功率质保
Linear power warranty 30 years

线性产品质保
Linear Product warranty 15 years

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STC: 辐照度1000W/ m² , 电池温度25°C , 大气质量AM1.5。

STC: 1000W/m² irradiance, 25°C cell temperature, AM = 1.5.

(Made in China)